

Fig. 1A

MEASLES HA INSERT FOR THE HN-L JUNCTION

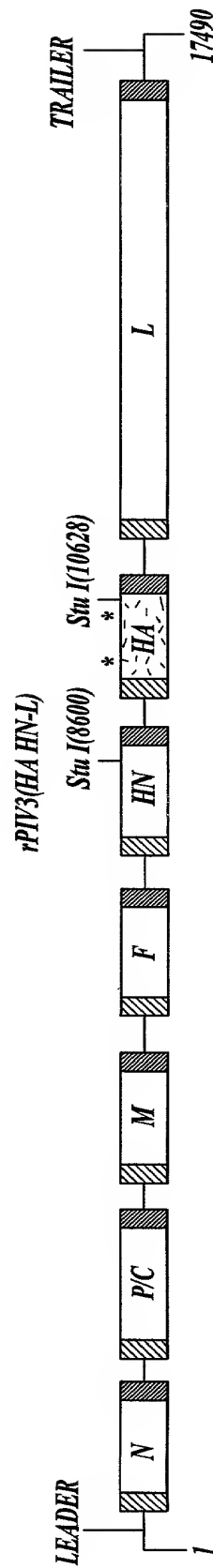
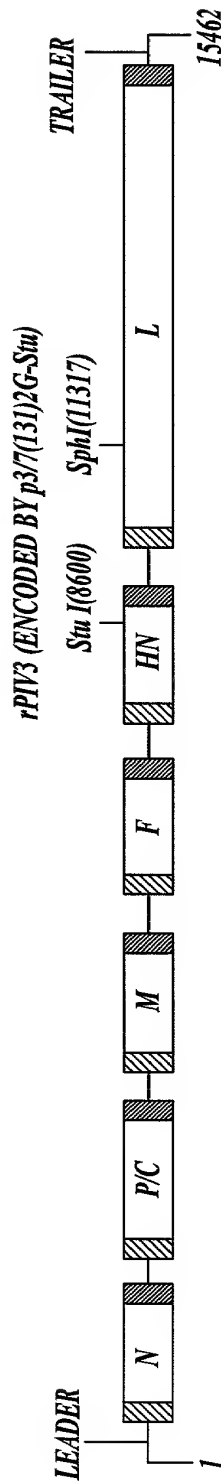
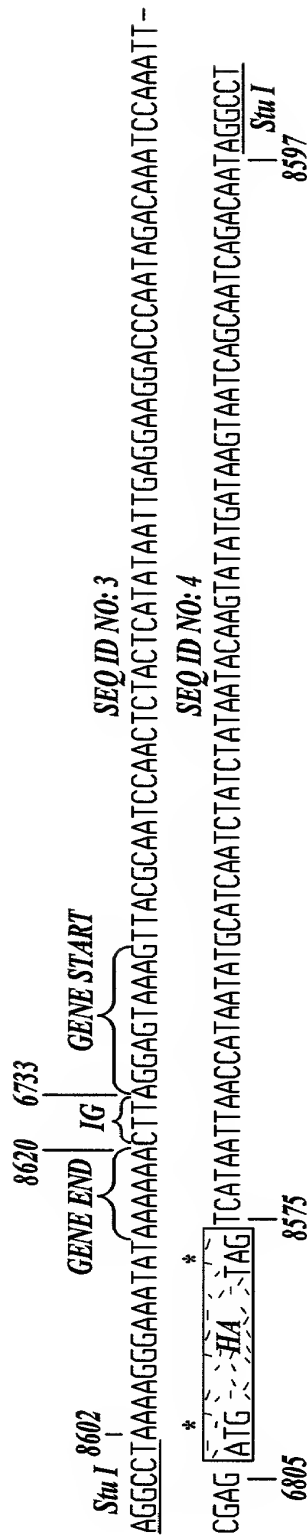


Fig. 1B

3/24

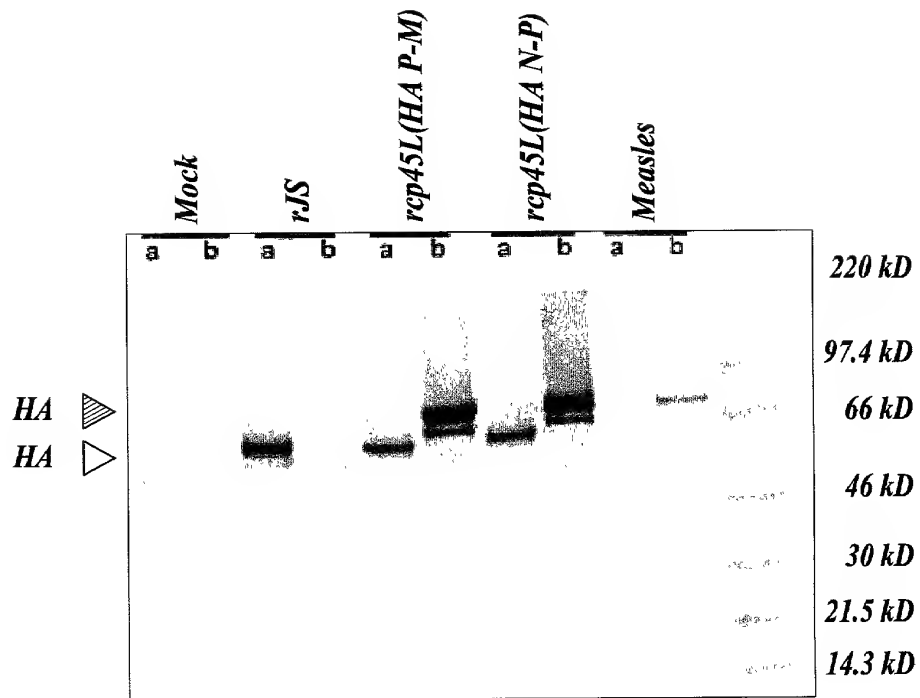


Fig. 2

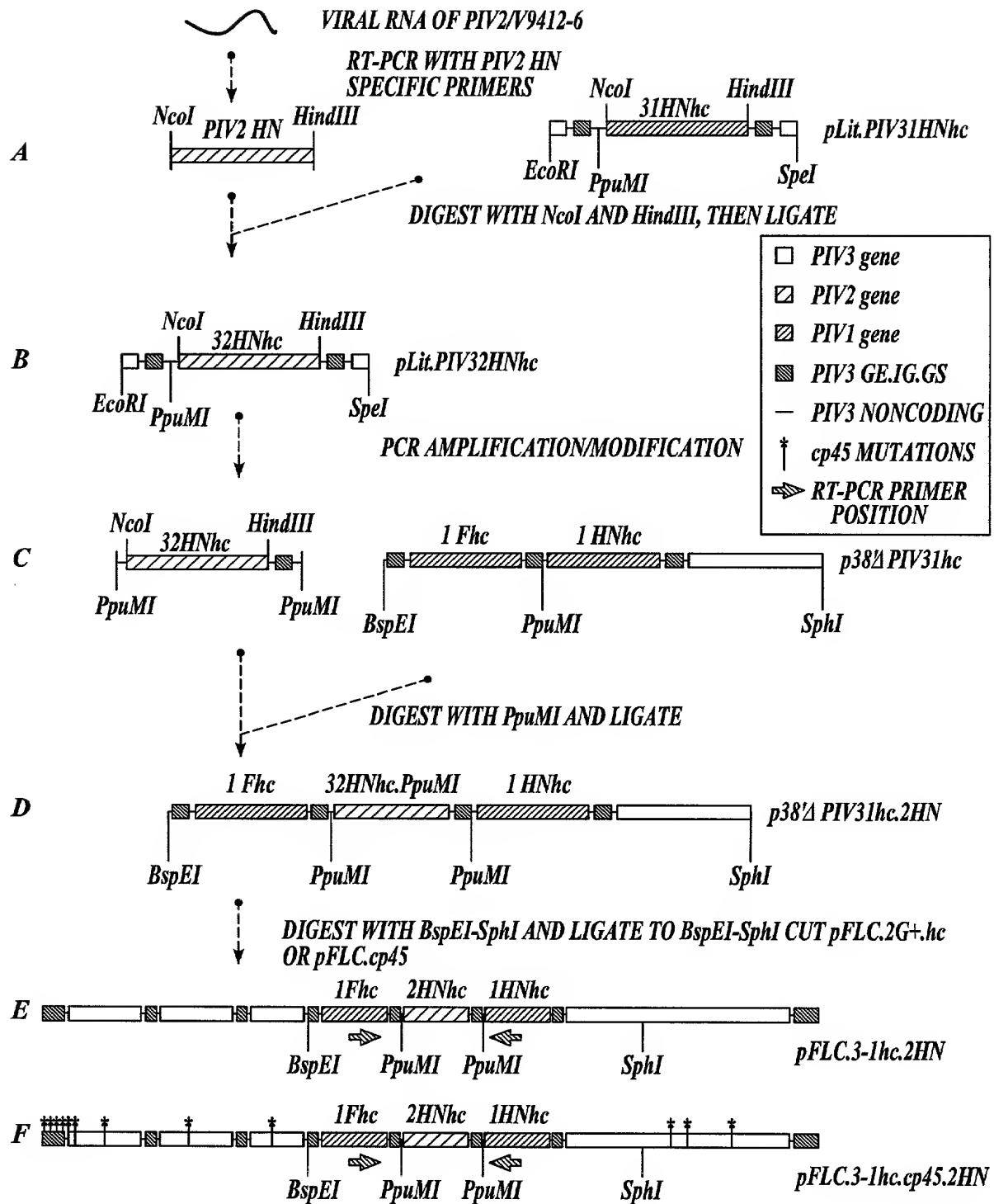


Fig. 3

5/24

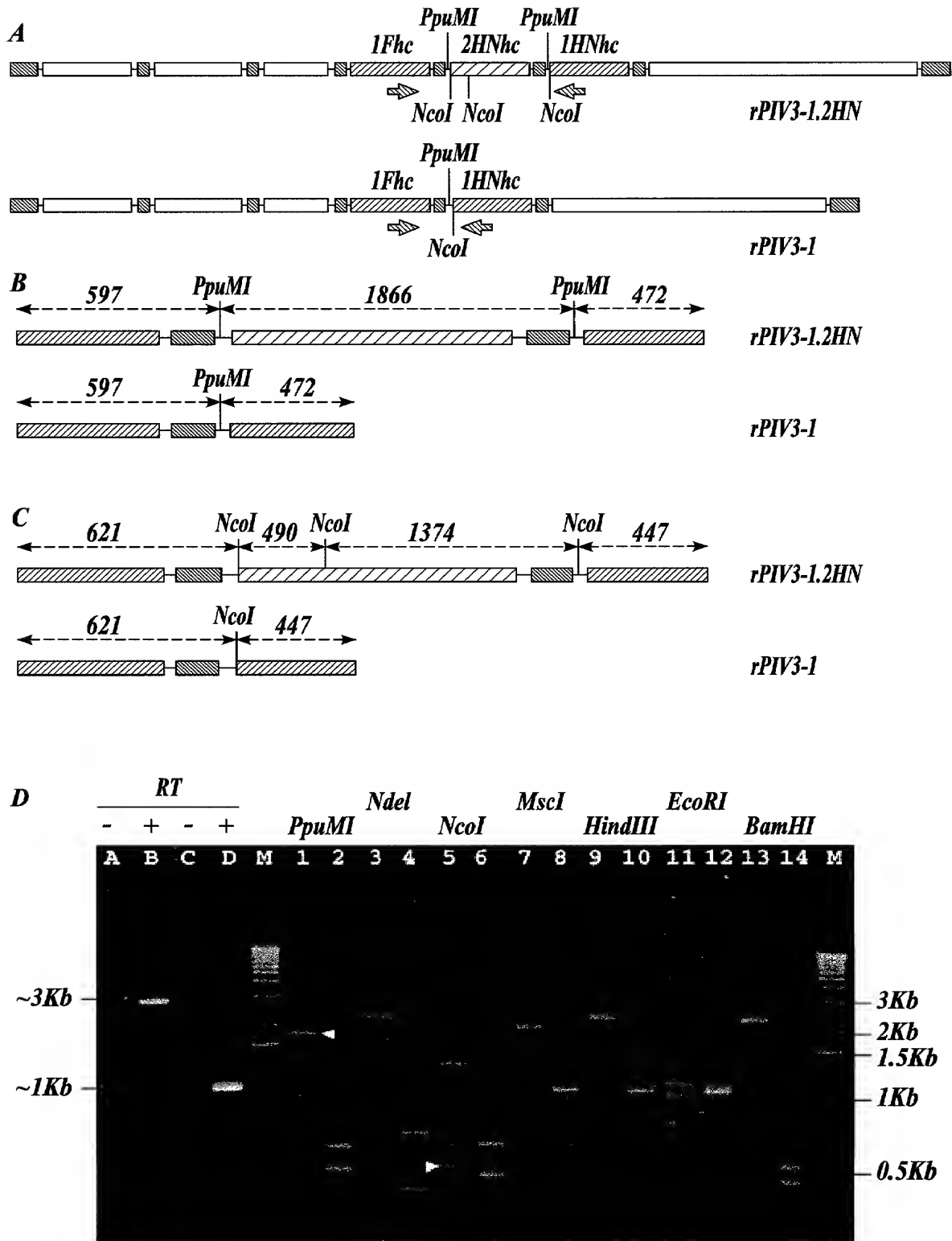


Fig. 4

6/24

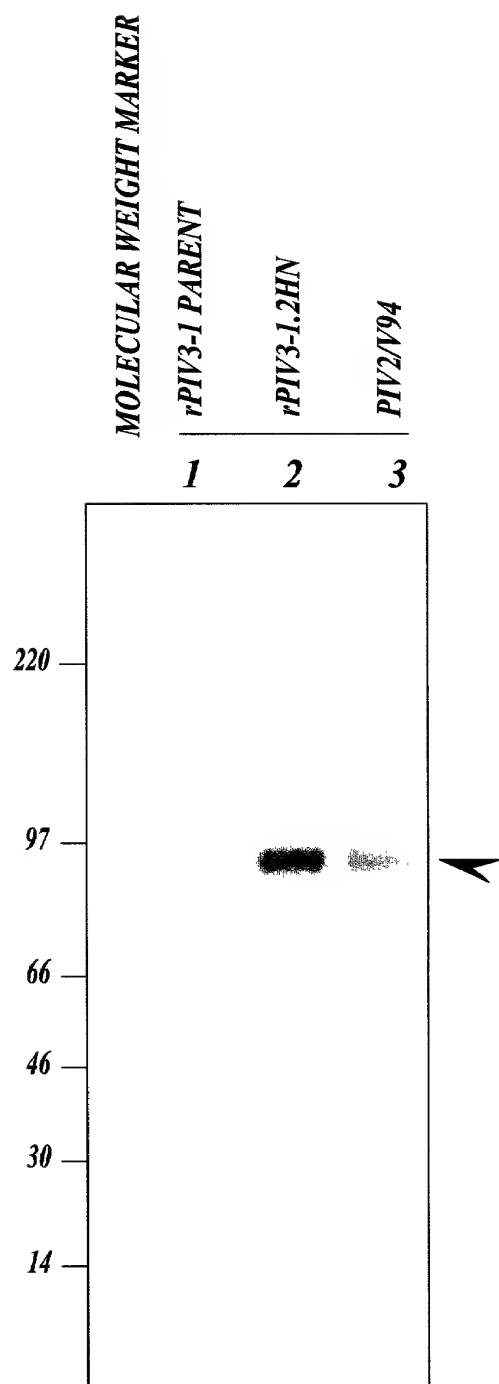


Fig. 5

7/24

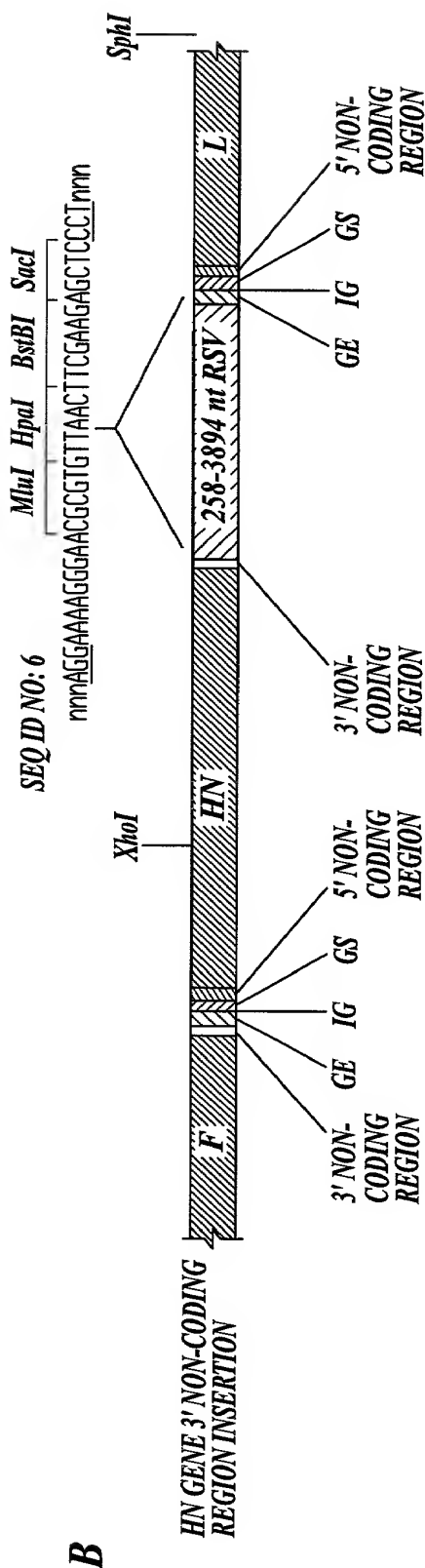
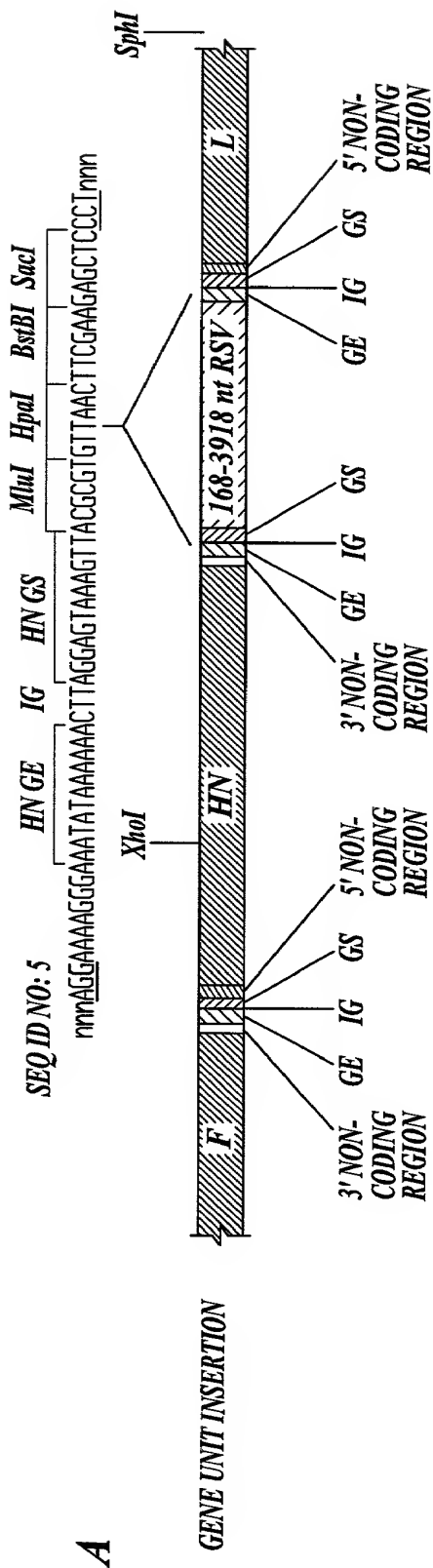


Fig. 6

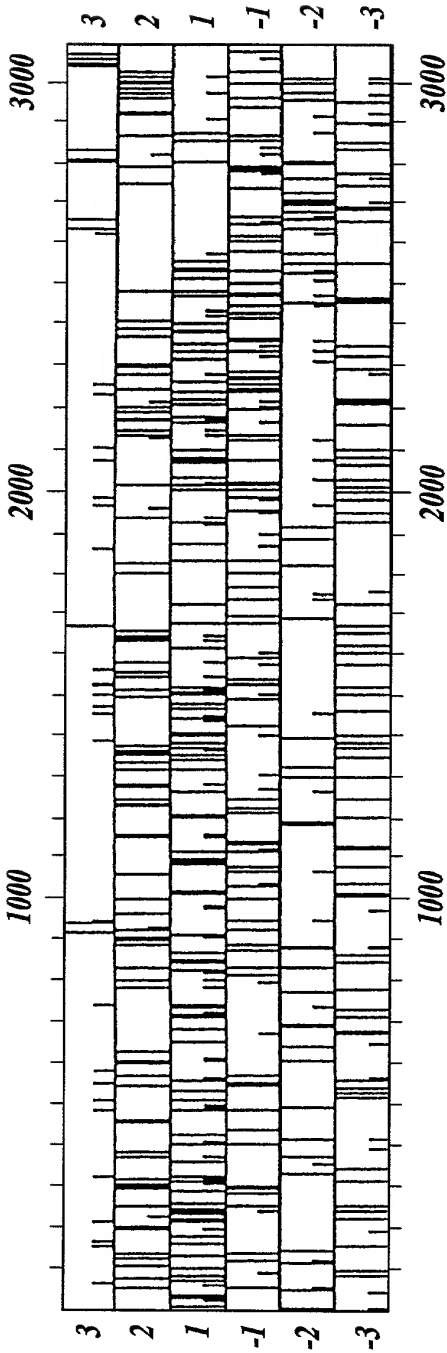


Fig. 7

9/24

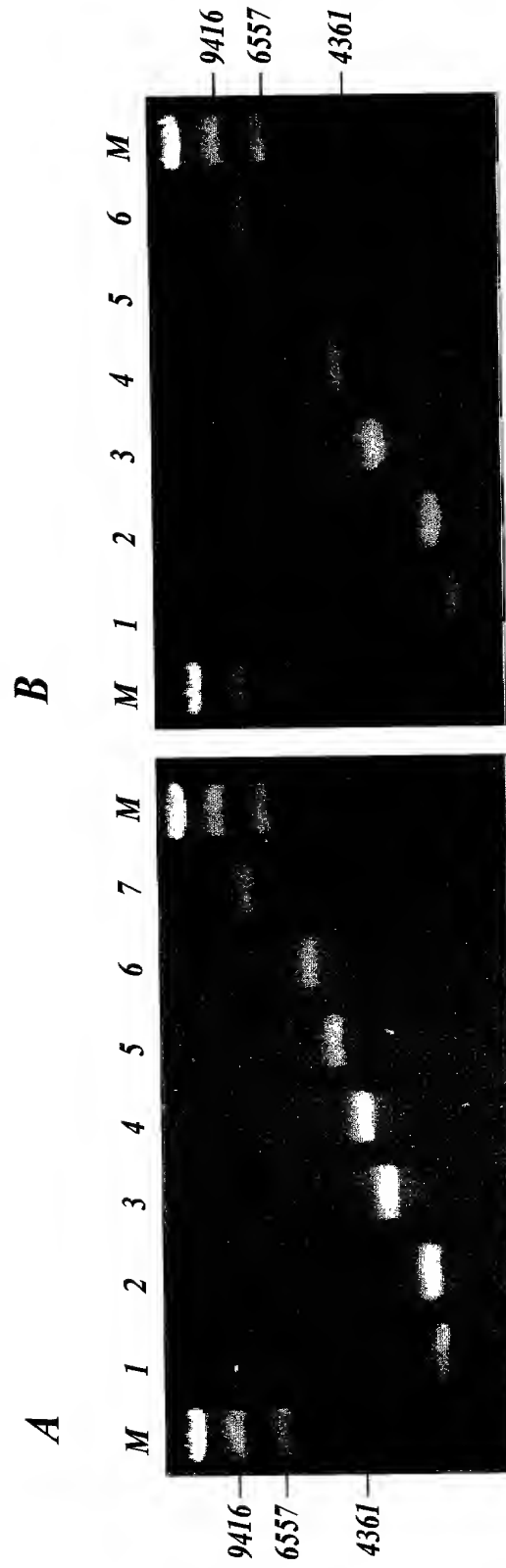


Fig. 8

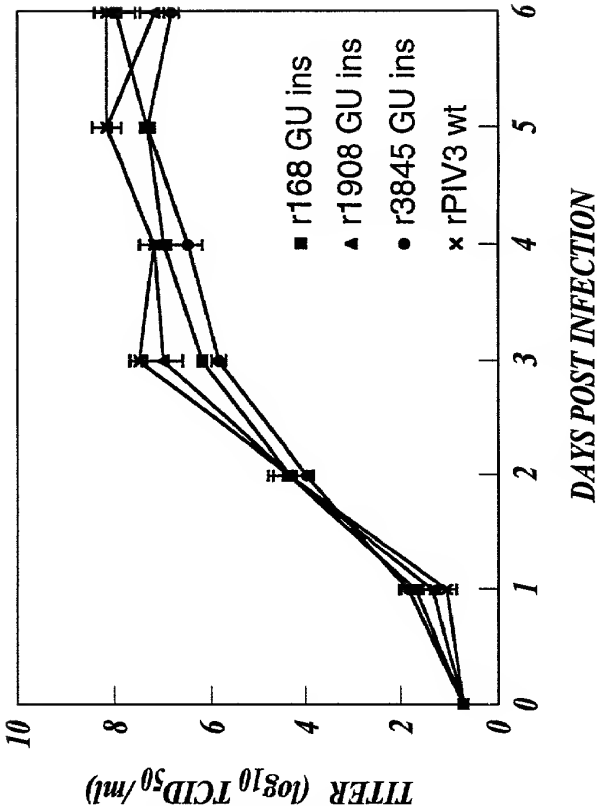


Fig. 9A

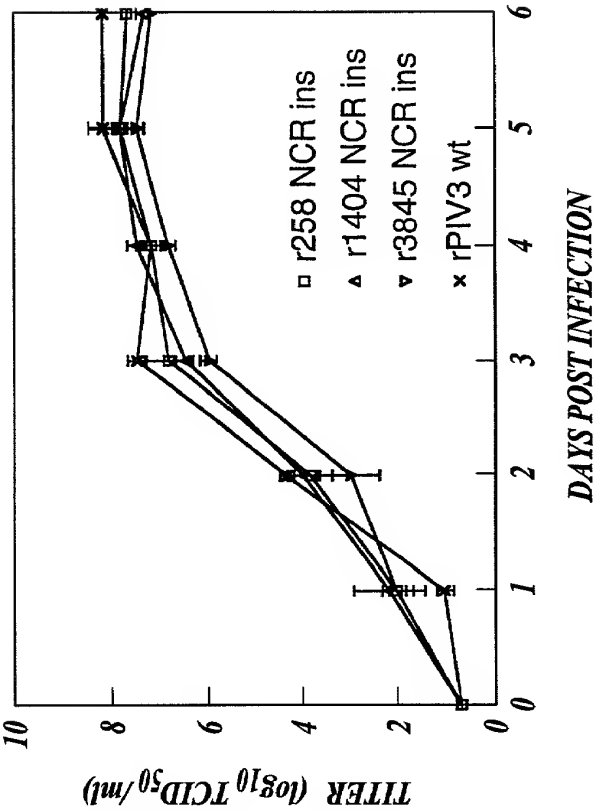


Fig. 9B

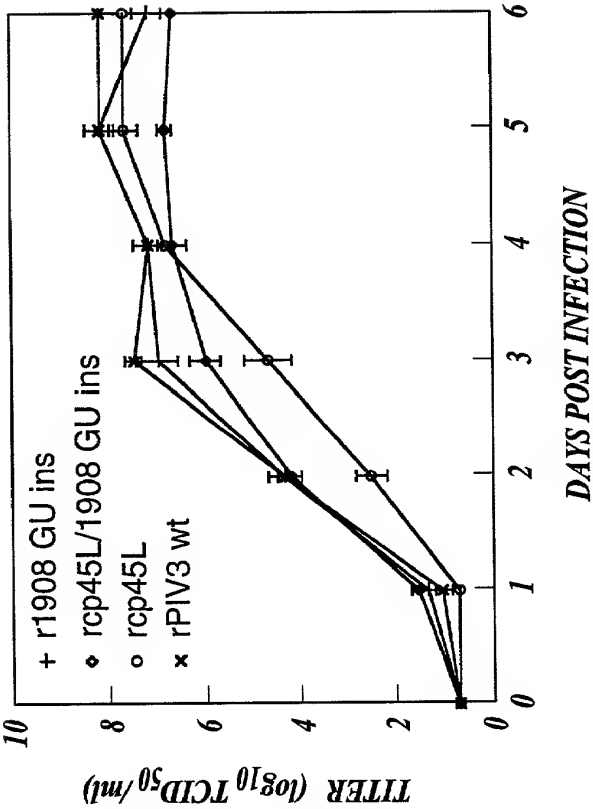


Fig. 9C

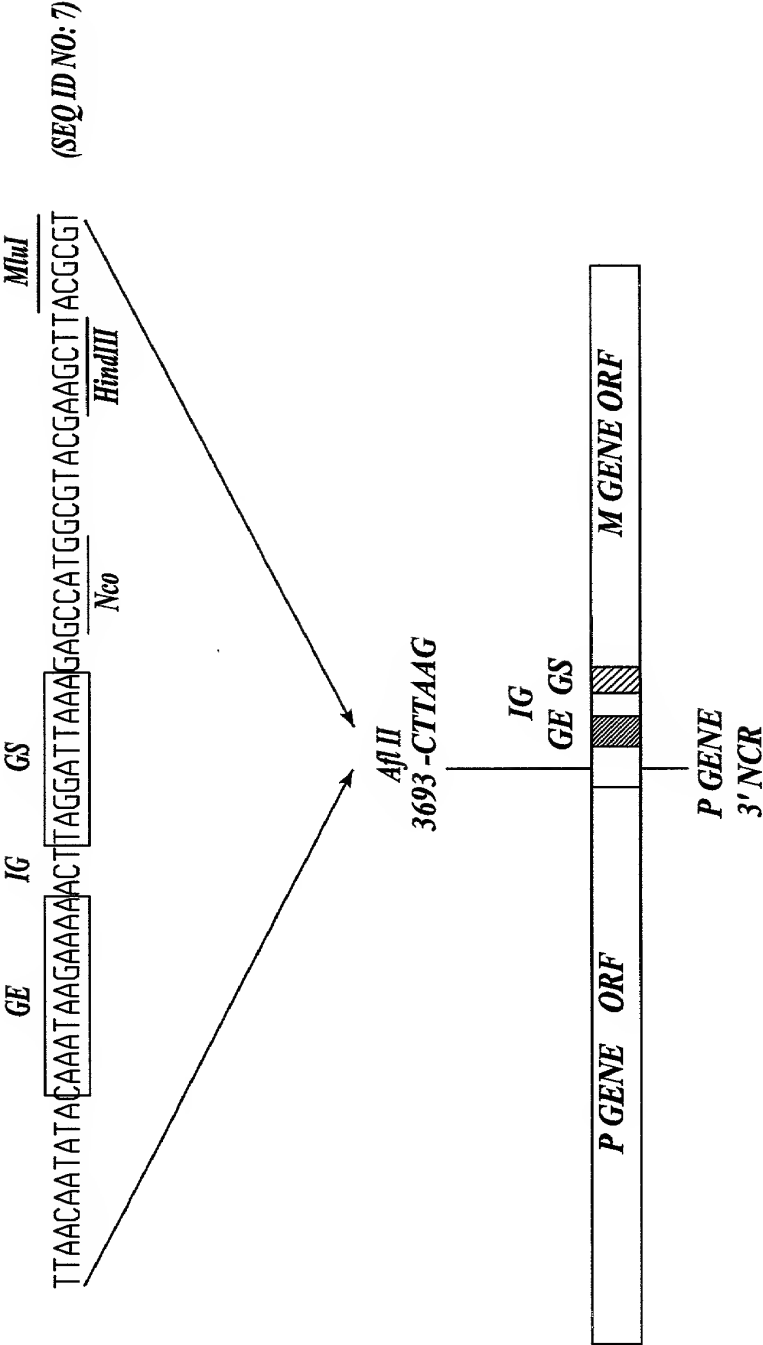


Fig. 10

REDUCTION IN TITER AT 39°C (LOG ₁₀ TCID ₅₀ /ML) ^b		MEAN PEAK TITER (LOG ₁₀ TCID ₅₀ /ML) ^a	
rHPIV3 wt	3' N P/CDV M F HN L 5'	9.4	0.3
rHPIV3 1HN N-P	3' N HNPIV P/CDV M F HN L 5'	7.4	0.7
rHPIV3 1HN P-M	3' N P/CDV HNPIV M F HN L 5'	7.9	2.3
rHPIV3 2HN N-P	3' N HNPIV2 P/CDV M F HN L 5'	7.9	0.3
rHPIV3 2HN P-M	3' N P/CDV HNPIV2 M F HN L 5'	9.2	0.5
rHPIV3 1HN N-P2HN P-M	3' N HNPIV P/CDV HNPIV2 M F HN L 5'	8.5	0.8
rHPIV3 1HN N-P2HN P-M HA HN-L	3' N HNPIV P/CDV HNPIV2 M F HN HA M L 5'	7.7	3.0
rHPIV3 1HN N-P2HN P-M3918GU HN-L	3' N HNPIV P/CDV HNPIV2 M F HN GU3918n L 5'	8.7	2.0

Fig. 11

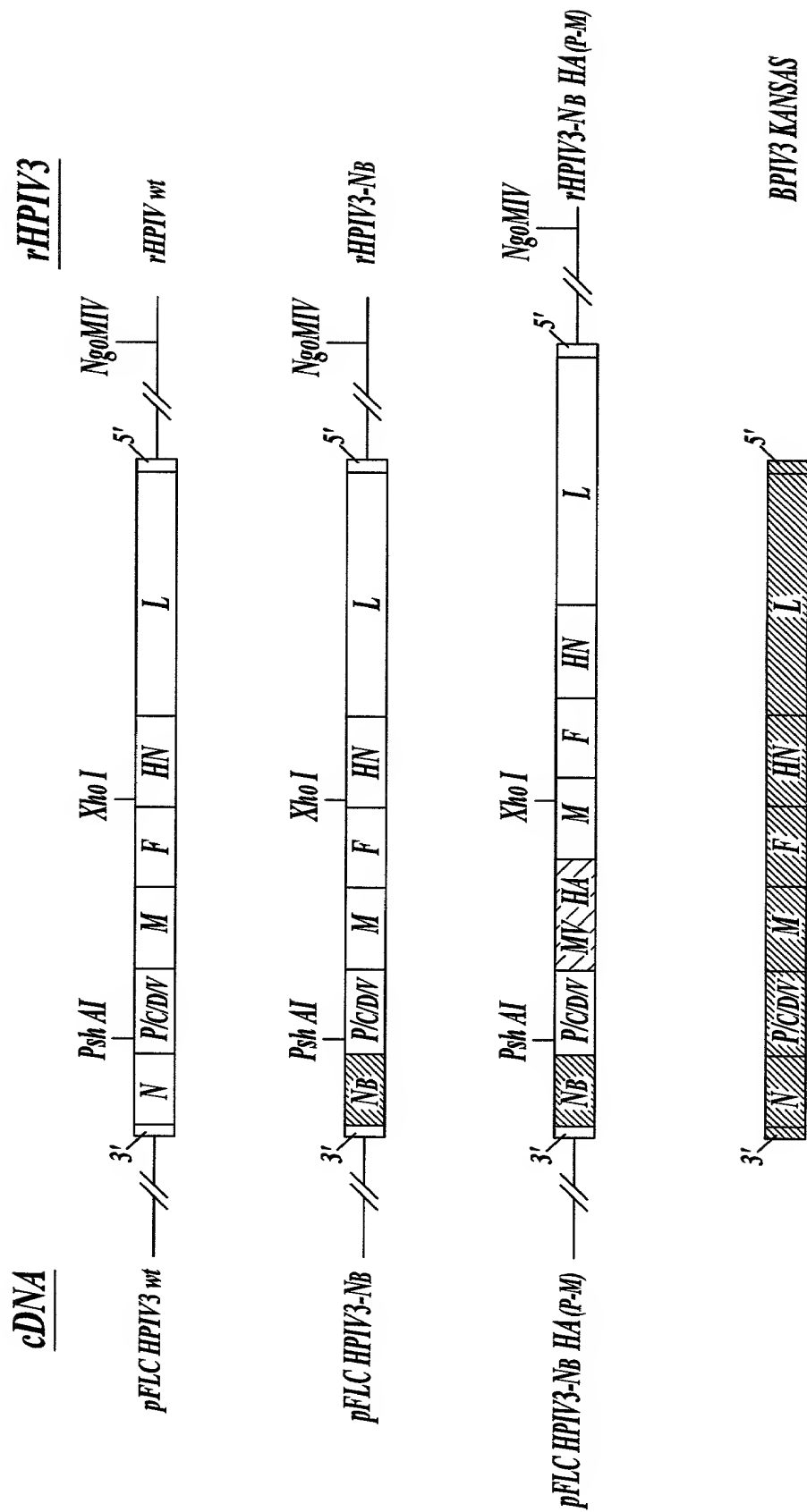


Fig. 12

INSERTION OF RSV G OR F AS AN ADDITIONAL GENE UNIT IN A PROMOTER-PROXIMAL POSITION

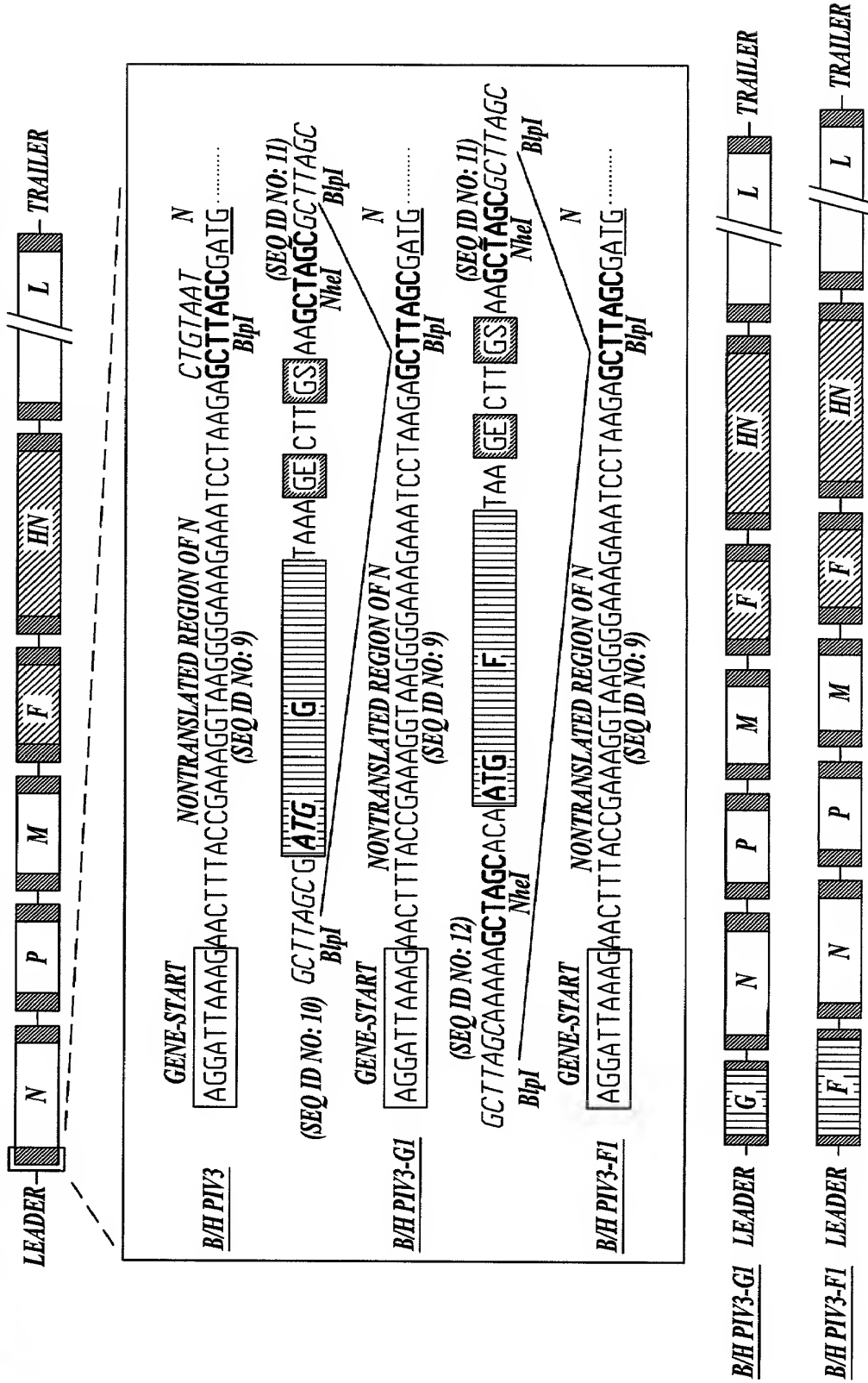


Fig. 13

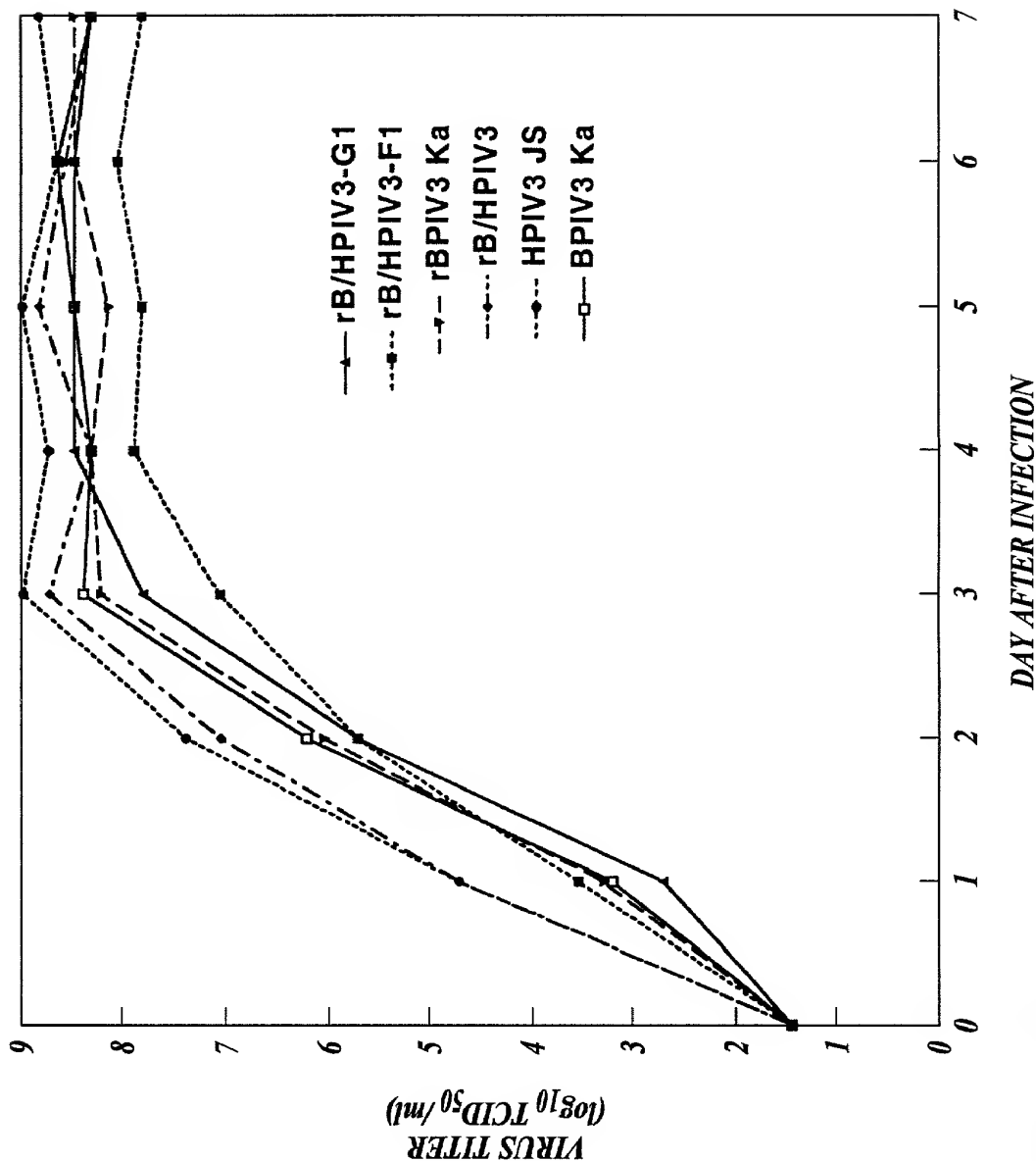


Fig. 14

RECOMBINANT BOVINE/HUMAN PIV3.1 EXPRESSING HPIV2 F AND HN FROM SUPERNUMERARY GENES

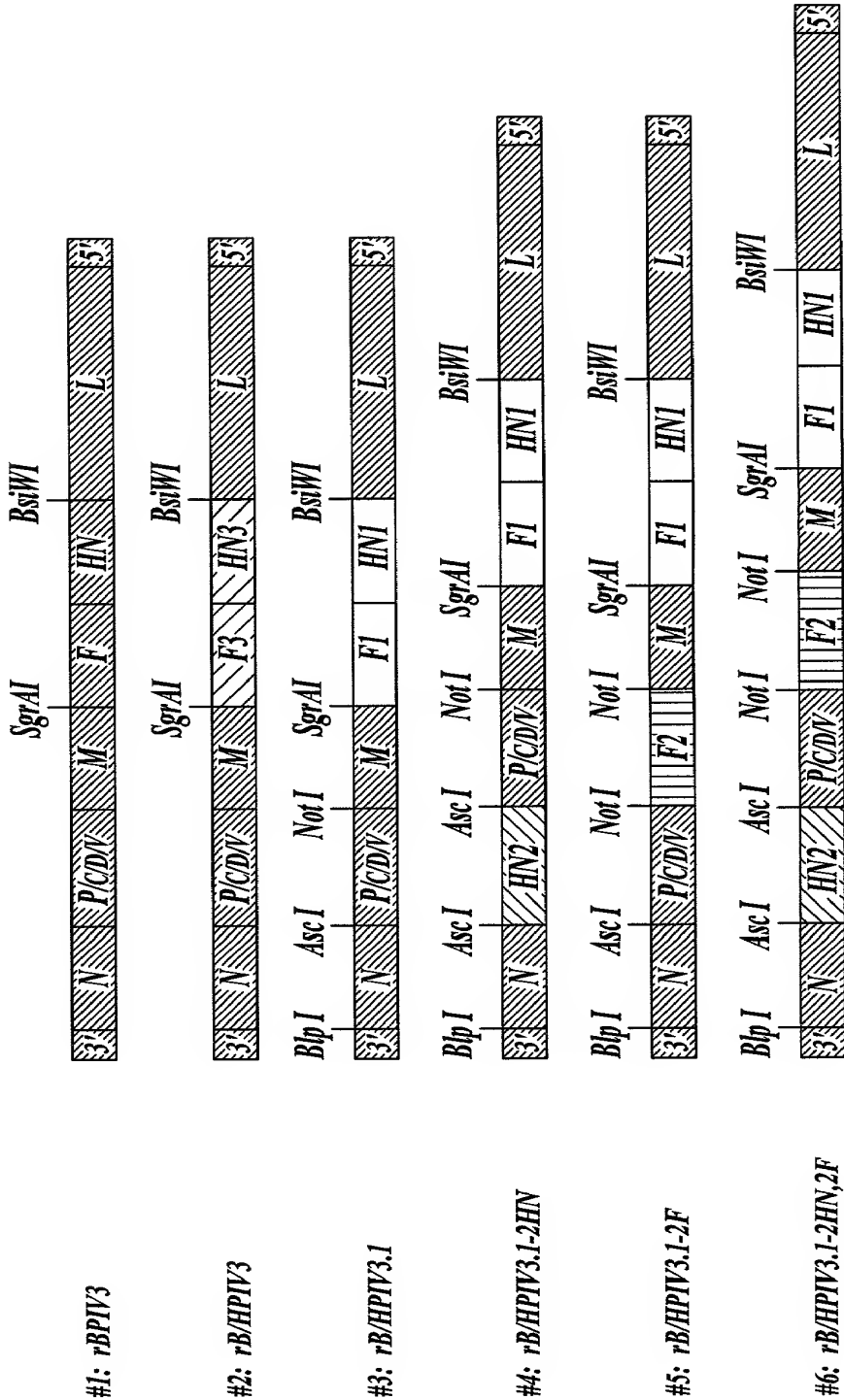


Fig. 15

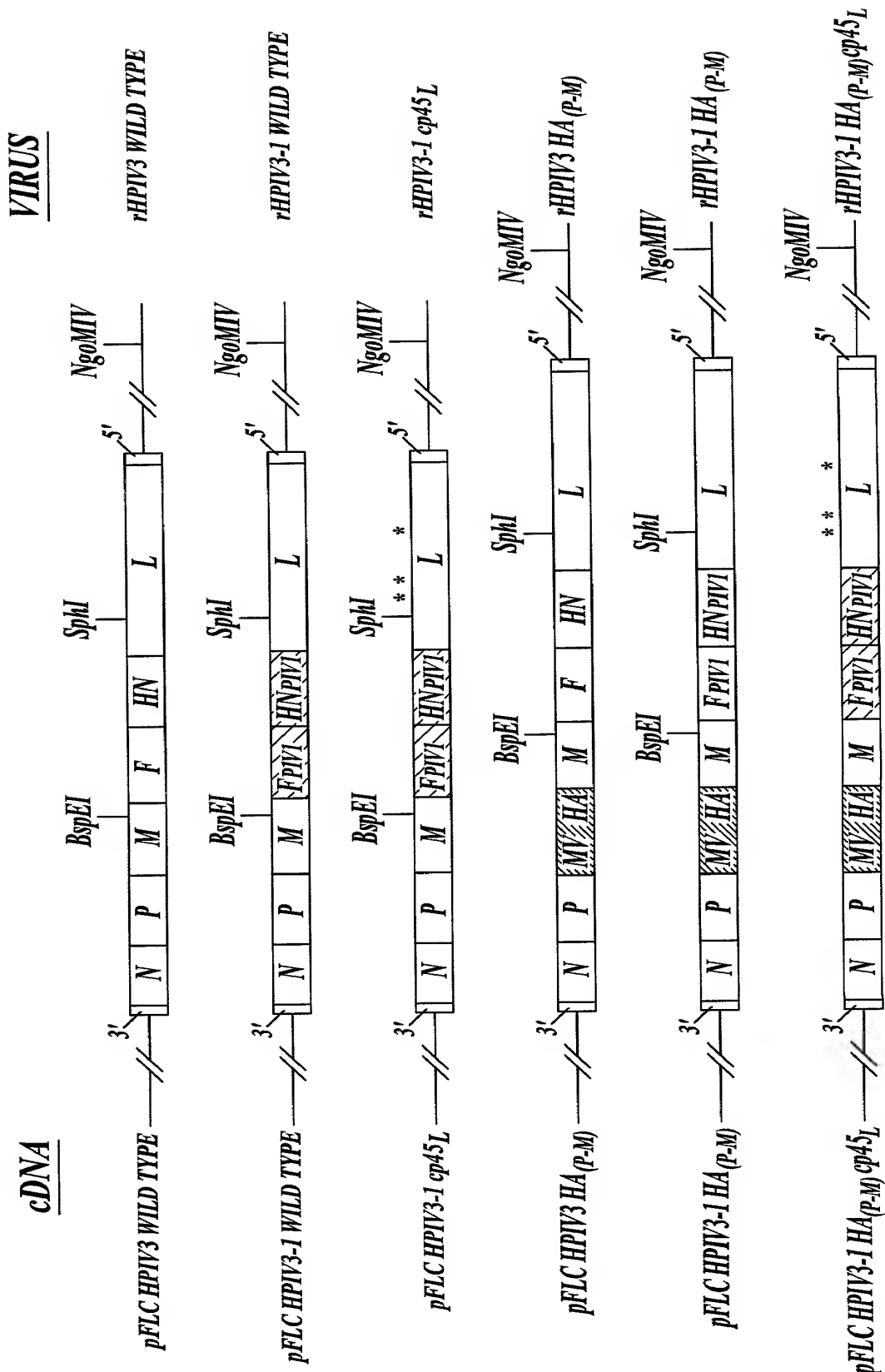


Fig. 16

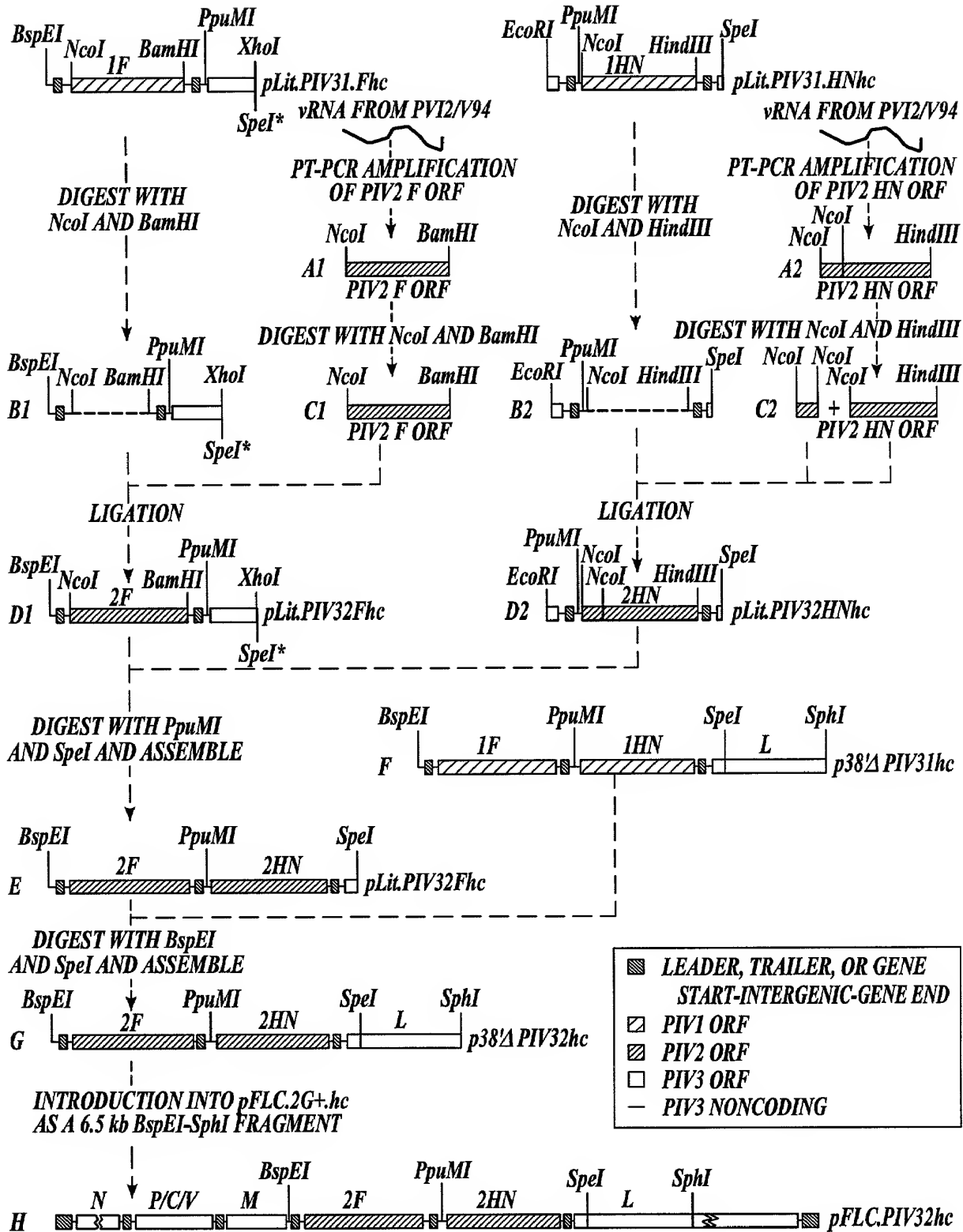


Fig. 17

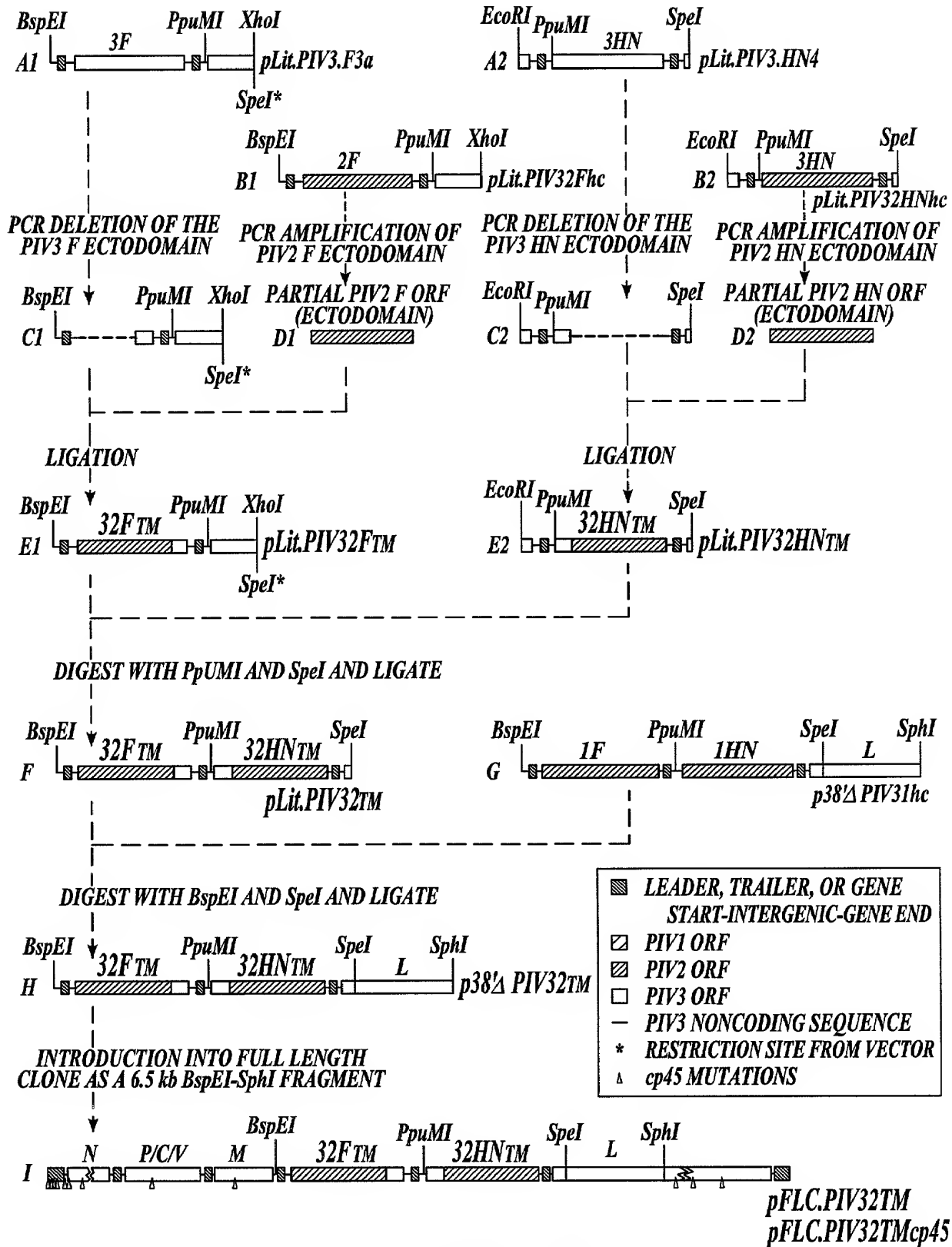


Fig. 18

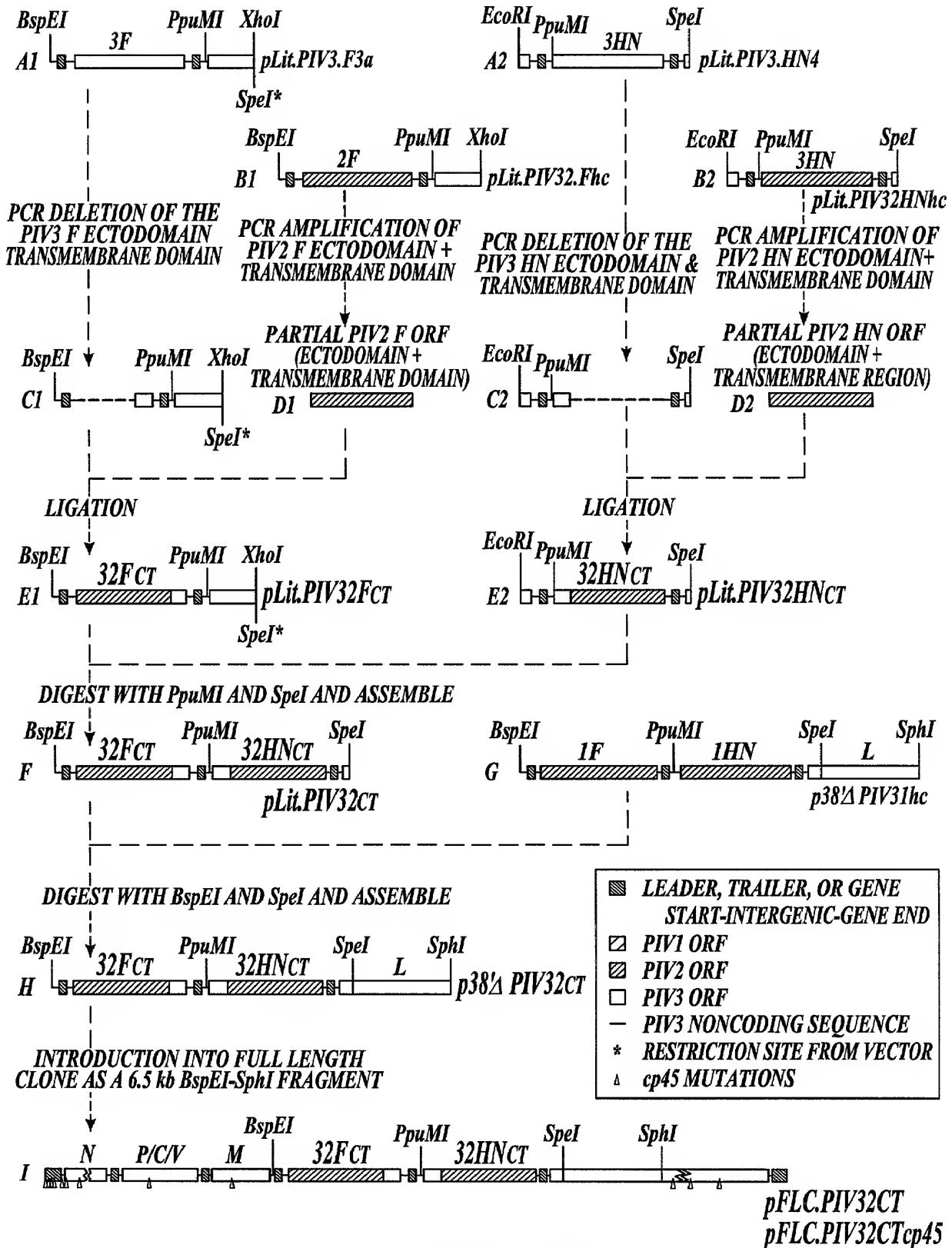
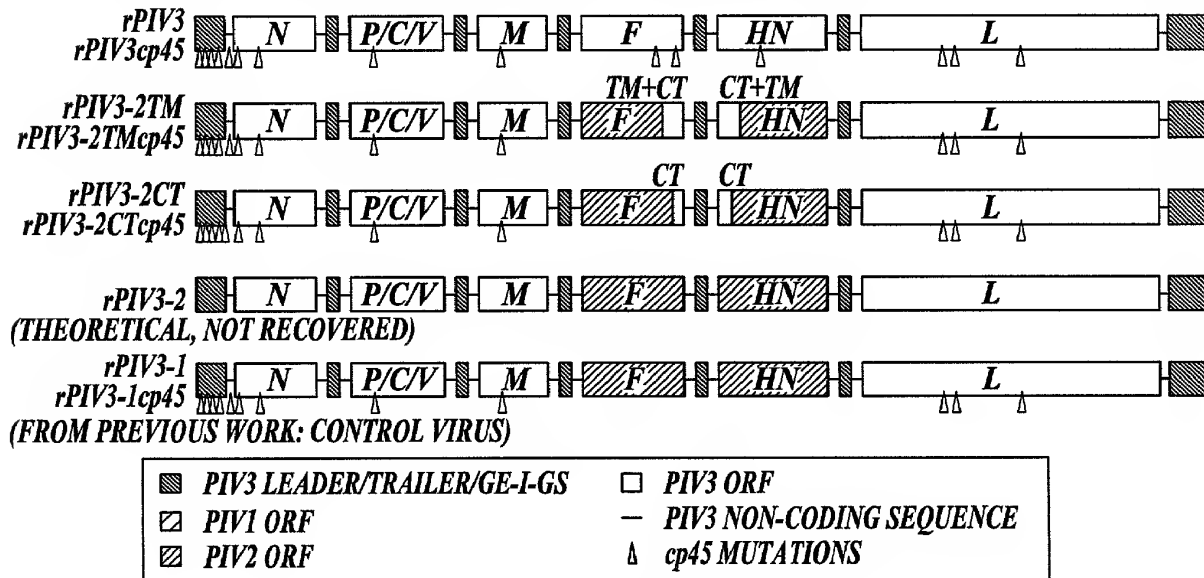
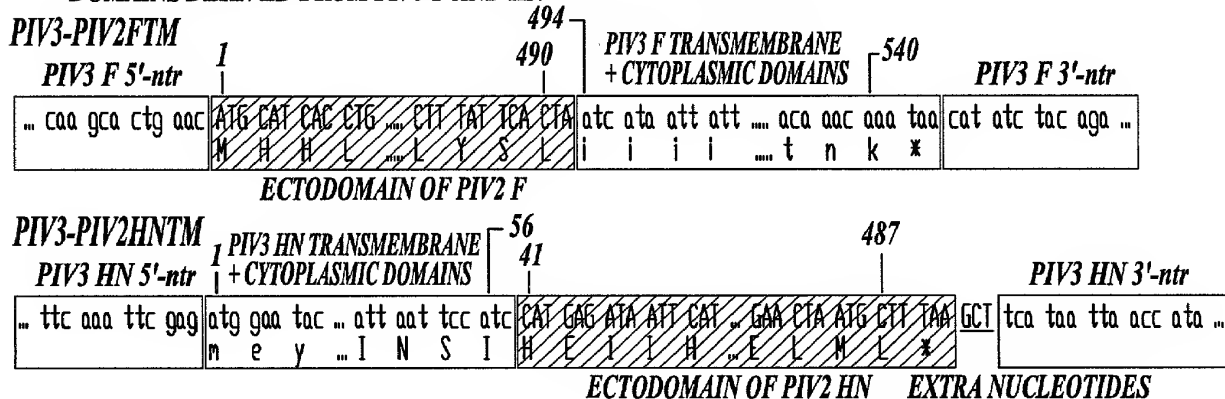


Fig. 19

A. GENETIC STRUCTURES OF PIV3-2 CHIMERIC VIRUSES COMPARED WITH rPIV3 PARENT AND rPIV3-1



B. CHIMERIC PIV3-2 F AND HN CONSTRUCTS WITH TRANSMEMBRANE AND CYTOPLASMIC DOMAINS DERIVED FROM PIV3 F AND HN



C. CHIMERIC PIV3-2 F AND HN CONSTRUCTS WITH CYTOPLASMIC DOMAIN DERIVED FROM PIV3 F AND HN

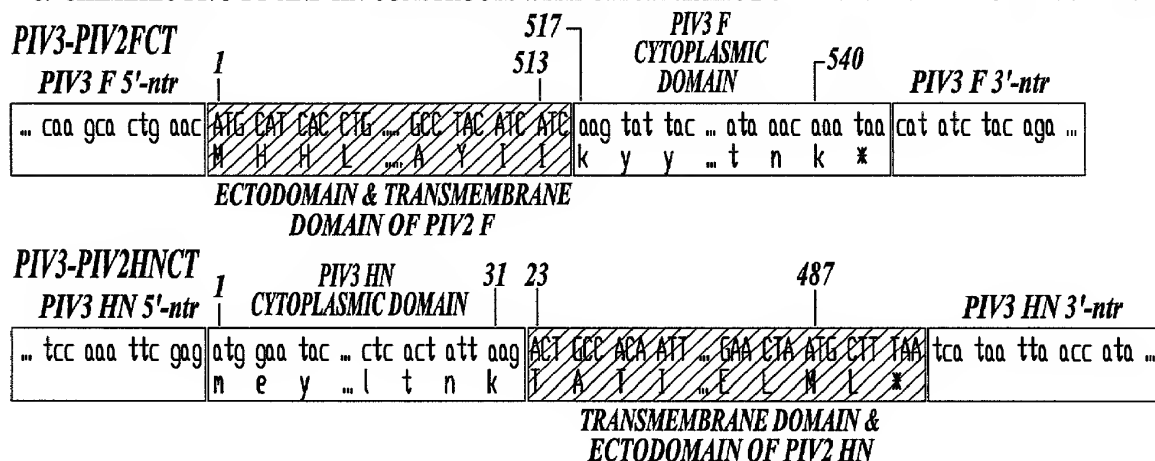
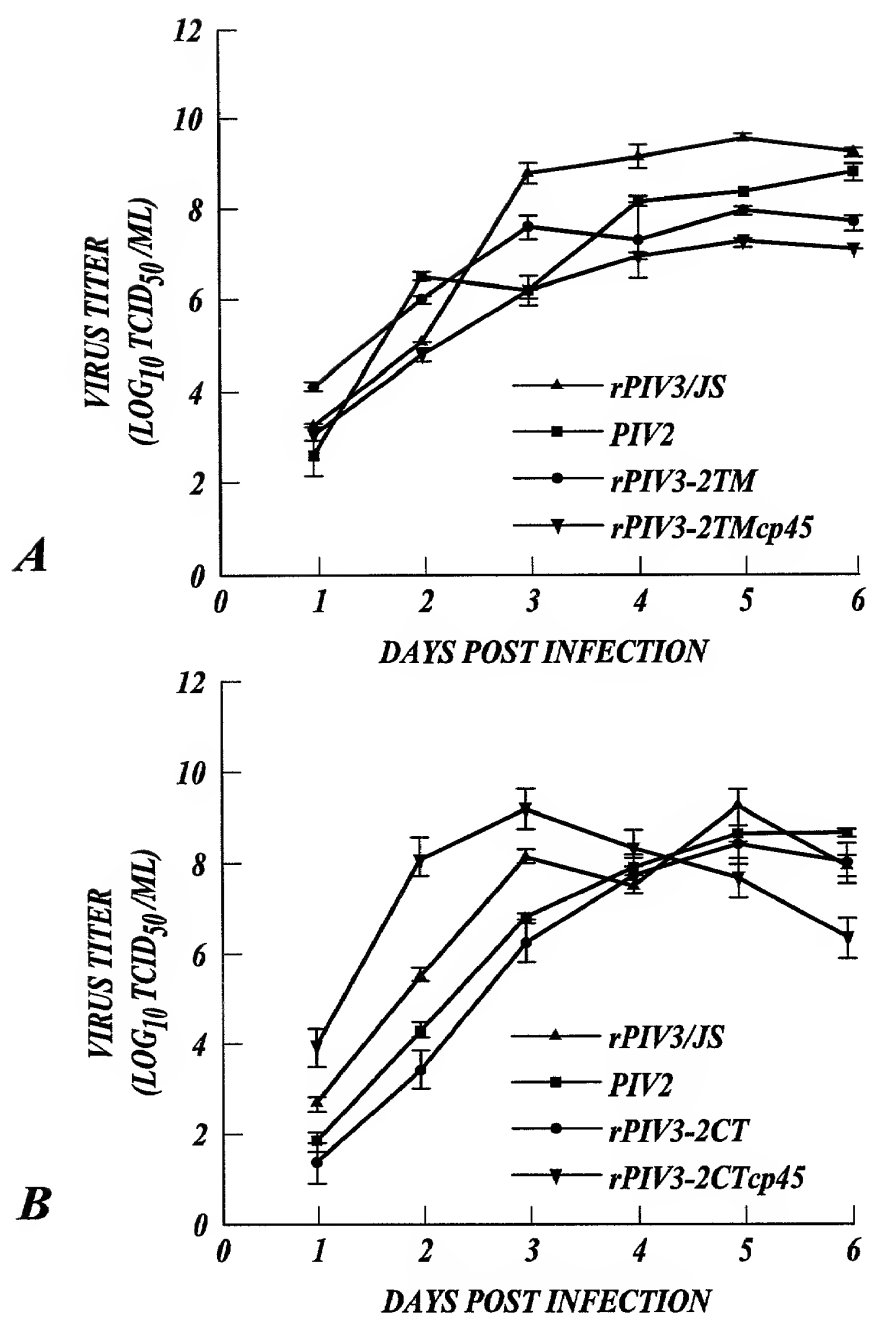


Fig. 20

*Fig. 21*